

ABSTRACT OF THE DISCLOSURE

A light guide includes: an optical medium; and light-scattering particles each having a scattering cross section Φ and being contained in the optical medium with a density N_p so that light which enters the light guide from a first end face can propagate to a second end face while being scattered by the light-scattering particles. In the light guide, the product of the scattering cross section Φ , the density N_p , the length L_G of the optical medium in the light propagation direction, and a correction coefficient K_c is less than or equal to 0.9. Preferably, the product is less than or equal to 0.4 combining a plurality of optical mediums.